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Book: Covering and Surrounding

Investigation: #5

Problem to solve: Math Reflection

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Words to Know:

Circumference: is the distance around a circle.

Diameter: is a segment that goes form one point on a circle through the center of the circle to another point on the circle.

Radius: is a segment from the center of a circle to a point on the circle.

Area: is the measure of the amount of surface enclosed by the boundary of a figure.

Perimeter: is the measure of the distance around a figure.

1. You can find the circumference or the perimeter of a circle by measuring the diameter and then multiplying the measure of the diameter by Pi (3.14). You can also find the circumference by finding the measure of the radius, multiplying the radius by 2 (which gives you the diameter), then you multiply your product by Pi (3.14).
2. You can find the area of a circle by measuring its diameter, then divide by 2 (which gives you the radius). After that take the quotient and multiply it by itself. All you have to do then is multiply that by Pi (3.14) and there’s the area of the circle. You can also find the area of a circle by measuring its radius and multiplying it by itself. Next you multiply it by Pi, just like what you did with the diameter.
3. A way to find the area of an irregular shape is to count the showing square units inside the shape.

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COUNT THE SQUARES!

To find the perimeter of an irregular shape is to take a piece of string and lay it around the shape then you would measure the size of the string that you had used……

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String!!

1. To find the area of a shape means to find out the amount of surface enclosed by the boundary of a figure. Units appropriate for measuring area are square centimeters, square feet, or square inches. See a pattern going on here. These are appropriate because they are the measure of the width and length of the square unit squared. That’s why they’re called centimeter **SQUARED**.
2. To find the perimeter of a shape means to find out the measure of the distance around the shape. Some units that are appropriate for measuring perimeters or circumferences are meters, centimeters, inches, or feet. These are appropriate because they will

Circumference =



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